This document was created on
27-Feb-2008

HDR-SR12E

http://www.sony.co.uk

Best ever picture quality with Full HD 1920x1080 video shooting and still photos up to 10 megapixels. High capacity 120GB hard disk drive records video for up to 48 hours. Face Detection for automatically beautiful pictures plus easy-to-use features for shooting and sharing your memories.

Features

Please be aware that the features/specifications can differ from country to country.

- Full HD 1920x1080 video recording at high bit-rate (16Mbps) using AVCHD format
- Up to 48 hours HD recording on 120GB hard drive plus HYBRID recording on optional Memory Stick for easy sharing
- ClearVid CMOS sensor with Exmor derived technology for superb picture quality with high sensitivity and low noise
- BIONZ high-speed image processor
- Carl Zeiss Vario-Sonnar T* lens with 12x optical zoom / 150x digital zoom
- Super SteadyShot optical image stabilisation for improved still image and video stability, especially in low light
- x.v.Colour mode for vivid, lifelike colours
- Face Detection with Bit Allocation for video and photos automatically gives clearer, natural looking faces
- D-Range Optimiser adjusts exposure and contrast for evenly-exposed backlit shots
- 10 megapixel still photo recording onto internal HDD or removable Memory Stick
- Advanced Dual Rec (simultaneous 7.6 megapixel still photo during video recording)
- Photo-quality 3.2" Wide Xtra Fine LCD easy to use touchscreen
- Quick ON button for fast start-up from sleep mode
- Face Index and Film Roll Index for quick, easy searches
- 5.1 surround sound recording with zoom mic for clearer dialogue and sound of foreground subjects

Useful Links

Product support
http://www.sony.co.uk

- HDMI™/component connector for enjoying HD video on HD ready TV
- BRAVIA Sync via HDMI™ connection for playback control via compatible BRAVIA TV remote control
- PhotoTV HD output for optimised still photo display on compatible BRAVIA TV
- Up to 5 hours STAMINA continuous shooting time (with optional battery)
- One Touch Disc Burn and Easy PC back up via USB 2.0 High speed connection with supplied Handycam Station
- Assignable Dial for manual focus and iris control
- Fun, easy to use Picture Motion Browser software with web upload assist function

Technical specifications

Audio

Audio System	Dolby Digital 5.1ch
Audio Dubbing 12bit	NO
Built in Microphone	3ch, zoom microphone
Built in Speaker	YES
Surround Recording	YES

Camera

Image Device: Size	1/3.1 ClearVid CMOS Sensor
14bit DXP	NO
Exmor technology	YES
Advanced HAD technology	NO
Image Processor	BIONZ
x.v.Colour	YES
Number of Pixels Gross (K)	5660
Number of Pixels Act Camera mode (K)	16:9 Mode ; 3810 / 4:3 Mode ; 2860
Number of Pixels Act Memory mode (K)	16:9 Mode ; 3810 / 4:3 Mode ; 5080
Focus: Full Range Auto	YES
Focus: Manual	YES
Manual Focus Key	Panel
Spot Focus (Touch Panel)	YES
Spot Meter	YES
Minimum Illumination (lux)	5
Minimum Illumination with NightShot (lux)	0
SteadyShot (Image Stabilisation)	Super (Optical)
Face Detection	YES
D-range Optimiser	YES
Night Shot	Super NightShot
Camera Noise Reduction	YES
Shutter Speed	

	1/2-1/800 (including Scene Selection)
White Balance	Auto / Outdoor / Indoor / Onepush
Scene Selection	Twilight / Twilight Portrait (Still Image) / Candle / Sunrise & Sunset / Fireworks / Landscape / Portrait / Spotlight / Beach / Snow
Auto Slow Shutter	YES
Colour Slow Shutter	YES
Backlight Compensation	YES
Smooth Slow Rec	YES
Interval Rec.	NO
Fader	Black / White
Telemacro	YES

Dimensions

Depth (mm)	138
Height (mm)	76
Width (mm)	83
Weight without Tape/Battery (g)	560

Flash / Light

Flash	YES
Flash Automatic Pop Up	NO
Video light	NO
Flash Mode: Recommended Distance (Memory Mode) (m)	0.3-2.5
Hologram AF	NO
Night Framing	NO

Jacks

Audio Input	NO
Audio Output	YES
Video Input	NO
Video Output	YES
S-Video Input	NO
S-Video Output	YES
i.LINK (DV) Input	NO
i.LINK (DV) Output	NO
USB Input	YES (USB 2.0 Hi-Speed)
USB Output	YES (Hi-Speed USB2.0)
Component Video Output	YES
HDMI™ Output	YES
External Microphone Input	NO
Headphone Jack	NO

Lens / Zoom

Lens	Carl Zeiss Vario-Sonnar T*
F	1.8-3.1
f (Focal Distance) (mm)	4.9-58.8
f (35mm conversion): Camera mode (mm)	16:9 Mode ; 40-480 / 4:3 Mode ; 49-588
f (35mm conversion): Memory mode (mm)	16:9 Mode ; 40-480 / 4:3 Mode ; 37-444
Filter Diameter (mm)	37
Zoom Ratio (Optical)	12
Zoom Ratio (Digital)	150
Precision Digital Zoom	YES
Zoom Key	Lever / Button on LCD frame

Still Image Recording

Still image recording on Memory Stick	YES
Still image recording on internal HDD	YES
Compression of still image	JPEG
Recording Media	Memory Stick DUO
Memory Stick PRO Compatibility	YES
Image Size: Max	16:9 Mode ; 3680 x 2070 (7.6M) / 4:3 Mode ; 3680 x 2760 (10.2M)
Image Size: VGA	640 x 480
Burst Record Auto Exposure Bracketing	NO
Burst Record Multi 9 Pictures	NO
Index Playback	YES
Memory Mix	NO
PictBridge compatibility	YES
Still Recording during Movie (Dual Rec)	YES (7.6 M, unlimited)

Others

Quick ON	YES
16:9 Wide (Full) Recording	YES
Wide Select Button	YES
Start / Stop Rec button on LCD	YES
Zoom button on LCD	YES
BRAVIA Sync	YES
Accessory Shoe	YES
Battery Info	YES
Built in Light	NO
Demonstration Mode	YES
InfoLITHUM System	YES
Picture Effects	Monotone / Sepia / Pastel
Digital Picture Effects	Old Movie
Power Consumption : LCD (W)	4.2

Power Consumption : VF (W)	4.5
Continuous Recording Time with Supplied Battery and Viewfinder (min)	100
Max. Continuous Recording Time with Optional Battery and Viewfinder (min)	370
Progressive Recording Mode	NO
USB Streaming	NO
Easy Handycam	YES

Supplied Accessories

AC Adaptor	AC-L200
AV Cable	Multi (No S-cable)
Rechargeable Battery Pack	NP-FH60
Handycam Station	YES
USB Cable	YES
USB Driver	YES
Editing Software	Picture Motion Browser
Stylus Pen	NO
Shoulder Strap	NO
Wrist Strap	NO
Tape / Cleaning Tape	NO
Wireless Remote Commander	RMT-835
21 Pin Adaptor	NO

View Finder / LCD Monitor

LCD Type	Xtra Fine LCD
Hybrid LCD Screen	YES
LCD: Size (inch)	3.2
LCD: Pixels (dots)	921600
Touch Panel	YES
Viewfinder	Colour WIDE
Viewfinder: Pixel (K dots)	123.2

Recorder/ Player

Movie Format	High Definition, AVCHD (1920 x 1080, 1440 x 1080) / Standard Definition, MPEG2
Recording Media	120GB Hard Disk Drive, Memory Stick
HYBRID (Movie rec on Memory Stick)	YES
HYBRID Plus (Movie rec on internal memory and Memory Stick)	NO
Movie Quality	HD ; FH (1920x1080i, 16Mbps) / HQ (9Mbps) / SP (7Mbps) / LP (5Mbps) , SD ; HQ (9Mbps) / SP (6Mbps) / LP (3Mbps)
Visual Index	YES

Face Index	YES
Film Roll Index	YES
Playlist Edit	Add / Delete / Move
Original Edit	Delete
One Touch Disc Burn Button	YES
Dubbing Button	NO
NTSC Playback on PAL TV	NO
Playback Zoom	YES
Signal Convert Function	NO

Accessories

Batteries & Chargers

DCC-L50B

Docking Stations & Cables

VMC-14UMB2

Cases

LCS-CSE

Flashes & Lights

HVL-IRM

Tripods

VCT-R640

VCT-R100

VCT-1500L

VCT-MTK

Other Accessories

GPS-CS1KA

GPS-CS1

KK-LC3

Other accessories

GPS-CS1KA

GPS-CS1

VCT-1500L

Batteries & Chargers

NP-FH100

NP-FH70

NP-FH50

AC-VQH10

AC-VQP10

BC-TRP

DCC-L50B

Cables & Connectors

VMC-15FS

VMC-15MHD

VMC-30MHD

VMC-30FC

Cases

LCS-MX100

LCS-X30

LCS-X20

LCS-X10

LCS-SRC

LCS-HAB

LCM-HCF

LCS-BBA

LCS-SRB

LCS-VA20

LCS-VA30

LCS-VA40

LCS-VA5

LCS-VA9

LCS-VAC

LCS-VCB

Flashes & Lights

HVL-10NH

HVL-HFL1

HVL-HIRL

HVL-HL1

HVL-IRM

Lenses & Filters

VCL-HG0737C

VCL-HG0737Y

VCL-HG2037Y

VF-370K

Microphones

ECM-HGZ1

ECM-HST1

ECM-HW1

ECM-MSD1

Tripods

VCT-80AV

VCT-60AV

VCT-50AV

VCT-R640

VCT-R100

VCT-1500L

VCT-MTK

VCT-TK1

Sports Packs

SPK-HCD

Accessory Kits

ACC-MCH6

ACC-FH50

ACC-FH60A

ACC-FH70

Other Accessories

GPS-CS1KA

KK-LC3

RM-AV2

VCT-S30L

GPS-CS1

PCK-L32W

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